

HAER
CAL
36-REDLAND,
1G-

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

Santa Ana River Hydroelectric System,
Flumes and Tunnels below Sandbox
San Bernardino National Forest
Redlands Vicinity
San Bernardino County
California

HAER No. CA-130-G

David G. De Vries, photographer

October, 1991

Note: Photographs Nos. CA-130-G-1 through CA-130-G-5 are 8x10 inch enlargements from 4x5 inch negatives.

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| CA-130-G-1 | OVERVIEW OF FIFTH FLUME ABOVE SAR-1 FOREBAY, SHOWING OLD AND NEWER CEMENT FOOTINGS. VIEW TO NORTHEAST. |
| CA-130-G-2 | OVERVIEW OF MAINTENANCE ROAD AND FOURTH FLUME ABOVE SAR-1 FOREBAY, HIGH ABOVE SANTA ANA RIVER BED, LOOKING SOUTHWEST. |
| CA-130-G-3 | DETAIL OF ENTRY TUNNEL PORTAL, FOURTH FLUME ABOVE SAR-1 FOREBAY. VIEW TO WEST. |
| CA-130-G-4 | THIRD FLUME ABOVE SAR-1 FOREBAY, SHOWING TYPICAL CHANGE IN CURVATURE OF METAL SHEETING AS FLUME MEETS TUNNEL AT PORTAL. VIEW TO NORTH. |
| CA-130-G-5 | EXIT TUNNEL PORTAL AND SECOND FLUME ABOVE SAR-1 FOREBAY. VIEW TO NORTHWEST. |

SANTA ANA RIVER HYDROELECTRIC SYSTEM,
FLUMES AND TUNNELS BELOW SANDBOX
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Note: Photographs Nos. CA-130-G-6 through CA-130-G-7 are 8x10 inch enlargements from 4x5 inch copy negatives of photographs curated at Southern California Edison Company (SCE), Rosemead, CA.

CA-130-G-6 WORKMEN REPLACING STEEL PLATES IN FLUME NO. 10, ABOVE SAR-1. FLUME FOR SAR-3 WAS REBUILT AT THE SAME TIME. SCE negative no. 11776, May 1, 1926. Photograph by G. Haven Bishop.

CA-130-G-7 FOUNDATIONS OF FLUME NO. 8, EXPOSED. SCE negative no. 3077, January 26, 1916. Photograph by G. Haven Bishop.

Note: Photographs Nos. CA-130-G-8 through CA-130-G-10 are 8x10 inch contact prints from copy negatives of recent blue line prints from original engineering drawings curated at Southern California Edison Company (SCE), Rosemead, CA.

CA-130-G-8 STEEL BYPASS FLUME, SAR-1 SANDBOX, JANUARY 24, 1977. SCE drawing no. 455664-0.

CA-130-G-9 DETAILS OF STEEL FLUME, TYPICAL CURVES AND TRANSITIONS. EXHIBIT L, SANTA ANA RIVER NO. 1 PROJECT, APR. 30, 1945. SCE drawing no. 523195 (sheet no. 5; for filing with Federal Power Commission).

CA-130-G-10 DETAILS OF STEEL FLUME, TYPICAL BENTS AND TRUSSES. EXHIBIT L, SANTA ANA RIVER NO. 1 PROJECT, APR. 30, 1945. SCE drawing no. 523196 (sheet no. 6; for filing with Federal Power Commission).